

NUTRIENT MANAGEMENT (CSP Enhancements)

October 2005

Colorado Enhancement Activity Job Sheet N-5

Name:

Nitrogen and Phosphorus sampling and application based on grid soil sampling size

Payment = \$ 1.00 / Acre / Year to apply nitrogen and phosphorous based on 40 acre or less grid soil sampling size.

Payment = \$ 2.00 / Acre / Year to apply nitrogen and phosphorous based on 20 acre or less grid soil sampling size.

Enhancements activities refer to actions that provide resource benefits beyond the level prescribed by the Natural Resources Conservation Service (NRCS) Conservation Practice Standards. Once implemented, enhancement activities should result in an observable or measurable improvement to the condition of one or more of the soil, water, air, plant, or animal resources, or provide for more efficient resource utilization and/or energy conservation.

Soil sampling areas are either 40 acres or less or 20 acres or less. Commercial Phosphorus (P) is only applied on areas with soil test levels that are low enough to have P recommended by the state land grant university. All commercial P is applied at state land grant university recommended rates. If irrigated, Irrigation Water Management (449) is applied. Irrigation water analyses are conducted for nitrates and all sources of Nitrogen (N) are credited in determining N application rates.

Appropriate timing and/or method is used to maximize efficiency including spring only application, side-dress (growing season only), split application (spring and growing season only), and/or chemigation through sprinkler irrigation systems (growing season only) for nitrogen in summer row crops. Split application for nitrogen in small grain is at planting time and late winter to early spring. N is applied at varying rates on each soil test area, depending on the N credits and soil test levels in each sampling area.

Documentation Required: Farmer or crop consultant certification of nutrient application with identified grid soil sampling size. Use the table on the following page for documentation of sampling and application. An example is provided to assist you.

I certify that I have applied nitrogen and phosphorus based on the identified grid soil sampling size to the field(s) listed in the Table above.

Name: _____ **Date:** _____

Nutrient Application Records:

[illegible]